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| Cite No.1 | item (book manazina lound sadal symposium estaton etc.) data nana(s.) whima-icusa mimbada. | | | | | | |
| | Blum, M., "Independent Unblased Coin Flips from a Correlated Blased Source A Finite State Markov Combinatorica, Vol. 6, No. 2, pp. 97-108 (1986). | | | | | | |
| | Chor, Benny, et al., "Unblased Bits from Sources of Weak Randomness and Probabilistic Communication Complexity," SIAM Journal on Computing, Vol. 17, No. 2, pp. 230-261 (April 1988). | | | | | | |
| | Cooper, J. Arlin, Computer Security, pp. 2072-2086 (published prior to March 31, 1999). | | | | | | |
| | Fairfield, R.C., et al., "An LSI Random Number Generator (RNG)," published in Proceedings in Advances in Cryptology Conference on CRYPTO, pp. 203-215 (1984). | | | | | | |
| | Gude, Michael, "Concept for a High Performance Random Number Generator Based on Physical Random Phenomena," Frequenz, 39, pp. 187-190 (July/August 1985). | | | | | | |
| | Murry, Herschell F., *A General Approach for Generating Natural Random Variables,* IEEE Transactions on Computers, pp. 1210-1213 (December 1970). | | | | | | |
| | Santha, Miklos, et al., "Generating Quasi-Random Sequences from Slightly-Random Sources," Proceedings of the 25th Annual Symposium on Foundations of Computer Science, pp. 434-440 (October 24-26, 1984). |)1 | | | | | |
| | Santha, Miklos, et al., "Generating Quasi-random Sequences from Semi-random Sources," Journal of Computer and System Sciences, Vol. 33, No. 1, pp. 75-87 (August 1986). | | | | | | |
| | von Neumann, John, "Various Techniques Used in Connection With Random Digits," Applied Mathematics Series, Vol. 12, United States Department of Commerce, National Bureau of Standards, pp. 36-38 (June 11, 1951). | | | | | | |
| | Shift Registers, pp. 1725-1727 (published prior to March 31, 1999). | | | | | | |
| | U.S. Patent Application No. 09/283,096, filed March 31, 1999, entitled DUTY CYCLE CORRECTOR FOR A RANDOM NUMBER GENERATOR, by Steven E. Wells and David A. Ward. | + | | | | | |
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| TM | | Schneier, Bruce, APPLIED CRYPTOGRAPHY, John Wiley & Sons, Inc., pp. vii-xiv and 369-395 (2nd Ed., 1996). | | | | | |
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| TM | | U.S. Patent Application No. 09/541,375, filed March 31, 2000, entitled RANDOM NUMBER GENERATOR WITH ENTROPY ACCUMULATION, by Steven E. Wells and David A. Ward. | | | | | | | |
| TM | | U.S. Patent Application No. 09/752,088, filed December 29, 2000, entitled INTEGRATED CIRCUIT CHIP HAVING FIRMWARE AND HARDWARE SECURITY PRIMITIVE DEVICE(S), by Steven E. Wells and V. Niles Kynett. | | | | | | | |
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| TM | | 5781458 | | Gilley | 07-14-1998 | Figures Appear | | | | |
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| | FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| Examiner Initials | | Foreign Patent Document County Code 3 - Number 4 - Kind Code 3 (Finance) | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T6 | | | |
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| Application Number | 10/638,097 | | | | |
| Filing Date | August 7, 2003 | | | | |
| First Named Inventor | Steven E. Wells | | | | |
| Art Unit | 2124 | | | | |
| Examiner Name | Mai, Tan V. | | | | |
| Attorney Docket Number | 42P7835D | | | | |

| | U.S. PATENT DOCUMENTS | | | | | | |
|-----------|-----------------------|--|-----------------------------|-----------------------------|---|--|--|
| Examiner | Cite | Document Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where | | |
| Initials* | No.' | Number - Kind Code ² (if known) | or Issue Date MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | | |
| TM | | US-6,324,558 | 11-27-2001 | Wilber | | | |
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